174

CONTRIBUTIONS

FROM THE

LABORATORY OF VERTEBRATE

BIOLOGY

Numbers 51 to 65

(1952-1954)

Ann Arbor

UNIVERSITY OF MICHIGAN PRESS

The *Contributions from the Laboratory of Vertebrate Biology* are issued at irregular intervals by the Institute of Human Biology, University of Michigan.

CONTENTS

Number

51. Preliminary studies on the vegetation of an old-field community in southeastern Michigan. Francis C. Evans and Stanley A. Cain. (17 pp., 2 pls., 2 figs. March, 1952.)

52. The distribution patterns of three plant species in an old-field community in southeastern Michigan. Stanley A. Cain and Francis C. Evans. (11 pp., 3 figs., 1 map. March, 1952.)

53. Measures of plant aggregation based on contagious distribution. George W. Thomson. (16 pp. March, 1952.)

54. The influence of size of quadrat on the distributional patterns of plant populations. Francis C. Evans. (15 pp., 1 fig. March, 1952.)

55. Measure of the spacing between individuals within a population. Lee R. Dice. (23 pp., 13 figs. March, 1952.)

56. An experimental study of habitat selection by prairie and forest races of the deermouse, Peromyscus maniculatus. Van T. Harris. (53 pp., 2 pls., 1 fig. May, 1952.)

57. Variation in body dimensions and pelage color of certain laboratory-bred stocks of the Peromyscus truei group. Lee R. Dice. (26 pp., 3 figs. June, 1952.)

58. Water requirements of certain rodents from xeric and mesic habitats. Robert G. Lindeborg. (32 pp., 3 figs. June, 1952.)

59. The measurement of fertility and its use as an index of reproductive isolation among certain laboratory stocks of Peromyscus. T. T. Liu. (12 pp. February, 1953.)

60. Prenatal mortality in Peromyscus with special reference to its bearing on reduced fertility in some interspecific and intersubspecific crosses. T. T. Liu. (32 pp., 1 pl., 3 figs. February, 1953.)

61. Arboreal adaptations of Peromyscus, with special reference to use of the tail. B. Elizabeth Horner. (77 pp., 7 pls. February, 1954.)

62. The statistical concept of home range as applied to the recapture radius of the deermouse (Peromyscus). Lee R. Dice and Philip J. Clark. (15 pp., 2 figs. February, 1953.)

63. Ants of an old-field community on the Edwin S. George Reserve, Livingston County, Michigan. Mary Talbot. (13 pp. April, 1953.)

64. The soil arthropods of a field in southern Michigan: A study in community ecology. Nelson G. Hairston and George W. Byers. (37 pp., 26 figs. February, 1954.)

65. A description of a subhumid corridor across northern Central America, with comments on its herpetofaunal indicators. L. C. Stuart. (26 pp., 6 pls., 6 maps. March, 1954.)